COMPLIANCE COMPONENT

Last Updated: 1/24/05

DEFINITION	
Name	Validation
Description	Web page validation is used to assist with exposing and repairing accessibility problems. It ensures compliance with accessibility guidelines. Compliance is achieved by satisfying the Priority level 1 checkpoints. Validation Priorites include: • Priority 1 - A Web content developer **must** satisfy this checkpoint. Otherwise, one or more groups will find it *impossible* to access information in the document. Satisfying this checkpoint is a basic requirement for some groups to be able to use Web documents. • Priority 2 - A Web content developer **should** satisfy this checkpoint. Otherwise, one or more groups will find it *difficult* to access information in the document. Satisfying this checkpoint will remove significant barriers to accessing Web documents. • Priority 3 - A Web content developer **may** address this checkpoint. Otherwise, one or more groups will find it *somewhat difficult* to access information in the document. Satisfying this checkpoint will improve access to Web documents. Validation methods include: • Automatic validators • User scenarios • Spell and grammar check
Rationale	Validation assist state agencies in adhering to Section 508 compliance, which is required by Section 191.863 RSMo.
Benefits	Validation: • Ensures state agencies HTML, XHTML, MathML, SVG, hyperlinks, CSS, Resource Description Framework (RDF), P3P, XML, and Web server logs meet accessibility standards • Removes significant barriers and improves access to Web documents • Highlights major access issues and is valuable in reducing a number of accessibility barriers

ASSOCIATED ARCHITECTURE LEVELS	
Specify the Domain Name	Interface
Specify the Discipline Name	Accessibility
Specify the Technology Area Name	
Specify the Product Component Name	

COMPLIANCE COMPONENT TYPE	
Document the Compliance Component Type	Standard
Component Sub-type	

COMPLIANCE DETAIL	

State the Guideline, Standard or Legislation	Each priority level contains a list of checkpoints that has been assigned by the W3C Web Content Accessibility Guidelines Working Group and is based on the checkpoint's impact on accessibility. These checkpoints must be met through your Web site to satisfy the priority level.
	
	The checkpoints that must be satisfied for each priority level were created and approved by the W3C. They can be found on W3C's Web site at http://www.w3.org/TR/WAI-WEBCONTENT/checkpoint-list.html
	
	Section 508 requires state agencies to meet priority level 1. The MAEA Interface Domain recommends state agencies also meet priority level 2.
	
	Several methods of testing are recommended for validating your pages and are described below.
	
	Automatic validators
	A validator can verify the syntax of your pages (e.g., HTML, CSS, XML). Correct syntax will help eliminate a number of accessibility problems since software can process well-formed documents more easily.
	
	Validators usually report what issues to solve and often give examples of how to solve them. They usually do not help an author walk through each problem or help the author modify the document interactively.
	
	User scenarios
	1. Test your pages with a text-only browser
	2. Use multiple graphic browsers, with:
	    a. sounds and images loaded,
	    b. images not loaded,
	    c. sounds not loaded,
	    d. no mouse,
	    e. frames, scripts, style sheets, and applets not loaded
	3. Use several browser versions and types, on various platforms.
	4. Use other tools such as a self-voicing (e.g., text-to-speech), a screen reader, magnification software, a small display, an onscreen keyboard, an alternative keyboard, etc.
	
	Spell and grammar checks
	Grammar checkers will help to ensure that the textual content of your page is correct.
	
	For further information regarding validation, visit http://www.w3.org/TR/WCAG10-CORE-TECHS/ - validation

Document Source Reference #	

Compliance Sources			
Name	World Wide Web Consortium	*Website*	http://www.w3.org
Contact Information			
Name		*Website*	
Contact Information			

KEYWORDS	
List Keywords	Validation, Federal Section 508, ADA, web accessibility, disability, Section 191.863 RSMo, validation tools, W3C, Priority Level

COMPONENT CLASSIFICATION				
Provide the Classification	☐ *Emerging*	☒ *Current*	☐ *Twilight*	☐ *Sunset*
Sunset Date				

COMPONENT SUB-CLASSIFICATION

Sub-Classification	Date	Additional Sub-Classification Information
☐ *Technology Watch*		
☐ *Variance*		
☐ *Conditional Use*		

Rationale for Component Classification

Document the Rationale for Component Classification	

Migration Strategy

Document the Migration Strategy	

Impact Position Statement

Document the Position Statement on Impact	

CURRENT STATUS	
Provide the Current Status	☐ *In Development* ☒ *Under Review* ☐ *Approved* ☐ *Rejected*

AUDIT TRAIL			
Creation Date	1/6/05	*Date Approved / Rejected*	
Reason for Rejection			
Last Date Reviewed		*Last Date Updated*	
Reason for Update			